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**18AI643**

# Sixth Semester B.E. Degree Examination, Dec.2023/Jan.2024
## Web Programming

Time: 3 hrs.                                                                    Max. Marks: 100

**Note:** *Answer any FIVE full questions, choosing ONE full question from each module.*

### Module-1

1  a. What are the three aims of HTML5 and expand the following: HTML, XML, PHP, WHATWG, W3C, and DOCTYPE AND CSS? **(10 Marks)**
   b. Discuss the structure of HTML documents and also explain HTML syntax with example. **(10 Marks)**

### OR

2  a. What are Selectors? List and explain selectors with example. **(10 Marks)**
   b. Define CSS and list out its benefits with explanation also illustrate the CSS box model. **(10 Marks)**

### Module-2

3  a. What is responsive design? Why it's important? Explain in detail. **(10 Marks)**
   b. Explain the following concerned with Forms
      i) Form structure
      ii) Form control elements. **(10 Marks)**

### OR

4  a. Explain the different ways at positioning elements in CSS layout technique. **(10 Marks)**
   b. Explain the basic table structure, create an HTML document for the Table

Diet

| Breakfast | Lunch | Dinner |
|-----------|-------|----------|
| Apple | Rice | Cucumber |
| Watermelon | Rice | Papaya |

**(10 Marks)**

### Module-3

5  a. Compare the server side technologies in detail. **(10 Marks)**
   b. What is Javascript and listener? Discuss the advantages and disadvantages of client side scripting. **(10 Marks)**

### OR

6  a. Discuss arrays of javascript also explain with example PHP tags, PHP comments datatypes and constants. **(10 Marks)**
   b. Briefly describe the document object model. **(10 Marks)**

## Module-4

7 a. Define constructor and discuss the concepts of in heritance, polymorphism and object interface with respect to OOP. **(10 Marks)**

b. Explain with the example, the two basic techniques for read/write files in PHP. **(10 Marks)**

**OR**

8 a. Explain the role of PHP's S_GET and S_POST arrays with data follow diagrams. **(10 Marks)**

b. Explain three approaches to restrict the file size in File upload with suitable code segments. **(10 Marks)**

## Module-5

9 a. What are Cookies? What is the purpose of it? Demonstrate cookies with PHP program. **(10 Marks)**

b. What is Caching? Explain two basic strategies of caching web applications. **(10 Marks)**

**OR**

10 a. What is AJAX? Explain AJAX request by writing UML diagram. **(10 Marks)**

b. With a neat diagram, explain SOAP and RESET web service. **(10 Marks)**

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